



FEMA



Prepared by
Jennifer McNatt

FEMA Region 6 Weather Threat Briefing

Wednesday February 10, 2021

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Light freezing rain/drizzle today, with heavier accumulations expected to begin tonight into Thursday morning over much of AR; accumulations of $\frac{1}{4}$ - $\frac{1}{2}$ inch are expected, with locally higher amounts possible. Travel impacts and power outages likely.**
 - **Freezing rain expected over W AR, OK, into N & W-Central TX this evening through Thursday morning; ice accumulations of a few tenths of an inch are expected.**
- **Extremely cold temperatures with dangerous wind chills expected this weekend, especially on Sunday. Highs on Sunday over E NM, OK and NW TX remain in the teens.**

FEMA Region 6 Threat Matrix

Feb 10, 2021 - Feb 14, 2021



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| DAY / THREAT | Wed | Thu | Fri | Sat | Sun |
|-----------------------------|----------------------|------------------|-----------|-------------|------------------|
| Severe Storms | | | | | |
| Heavy Rain / Flash Flooding | | | | | |
| Fire Weather | NM, WTX | | | | |
| Winds | | | | | |
| Winter Weather / Cold Temps | AR | AR | OK, NW TX | OK, AR, NTX | E NM, OK, AR, TX |
| | OK, N TX, W-Cntrl TX | OK, N & Cntrl TX | | | |
| River Flooding | LA, AR | LA, AR | LA, AR | LA, AR | LA, AR |

| | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

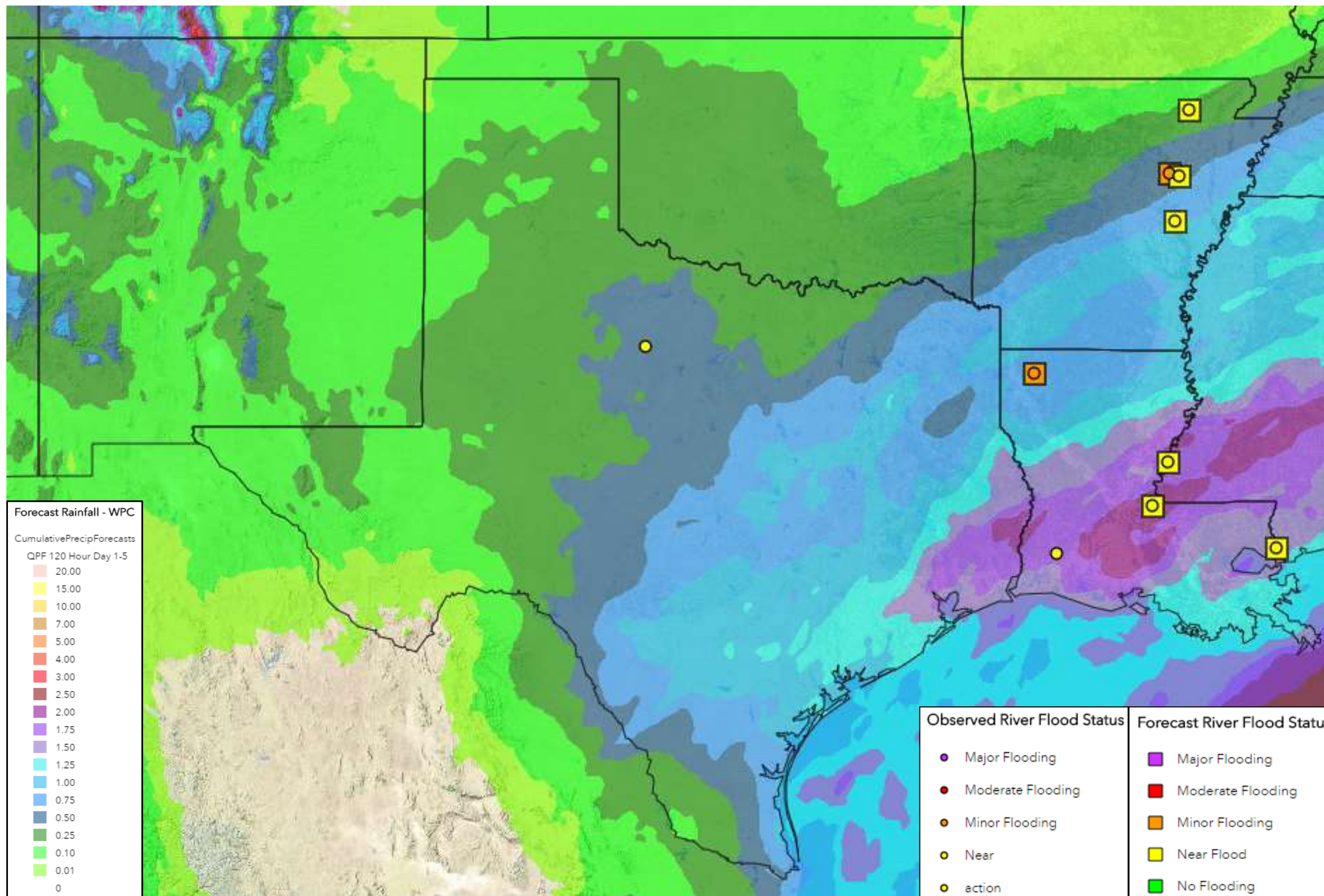
For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

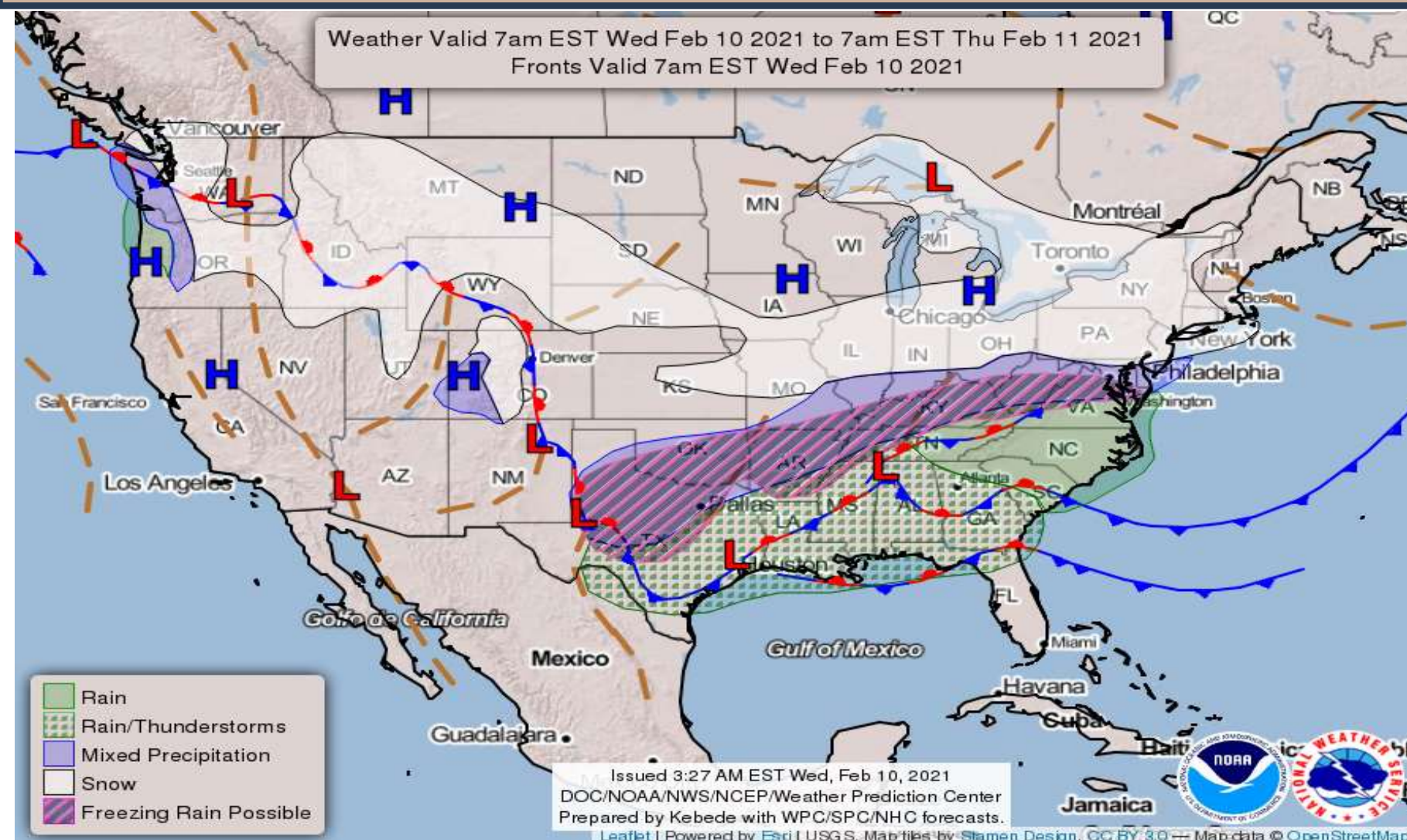


Minor river flooding will continue at points in NW LA and NE AR. Main impacts are to agriculture and secondary roads.

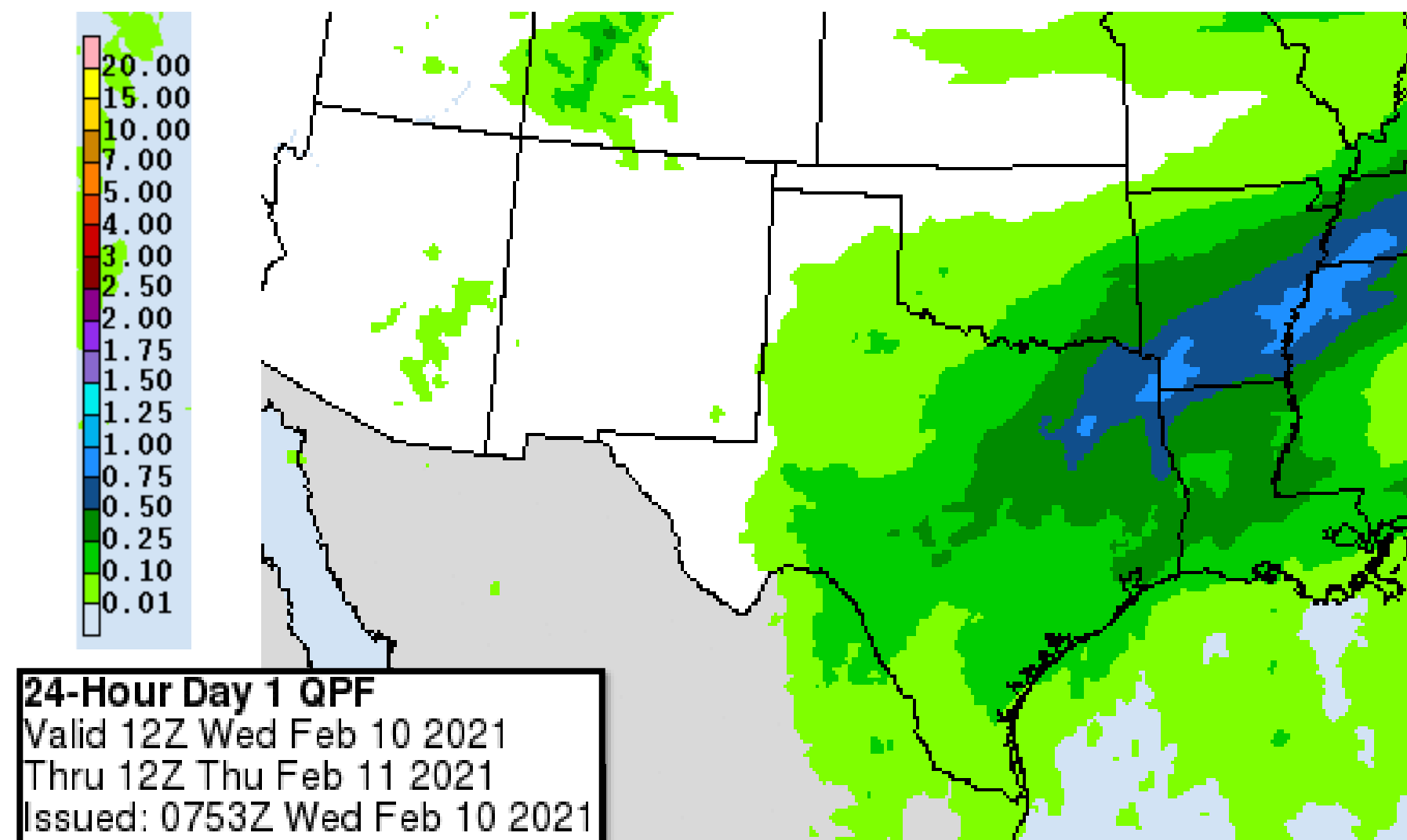
Rainfall over the next five days is not expected to produce river flooding.

Today's Weather

Forecast Chart



Forecast Rainfall

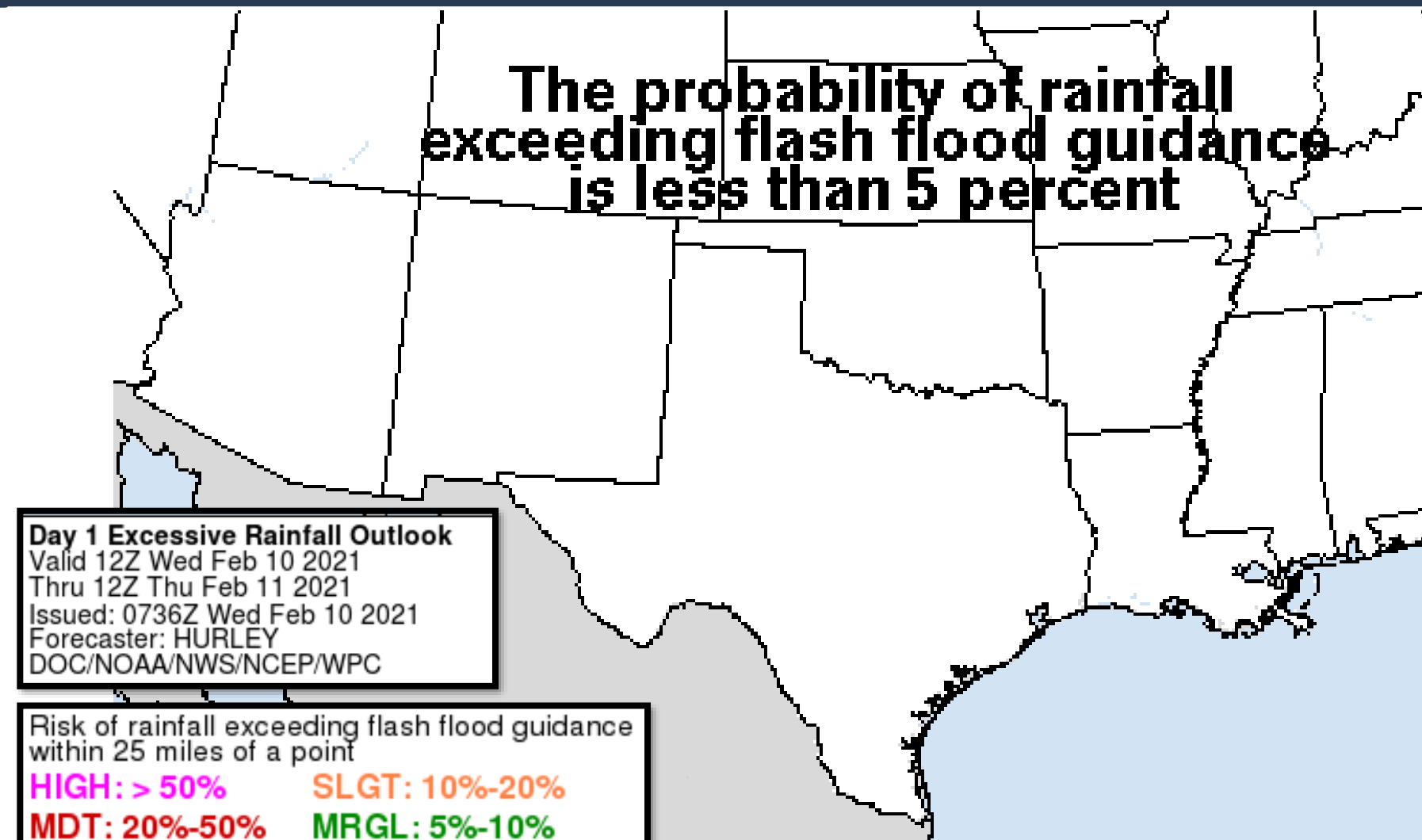


Light freezing rain/drizzle possible today, with heavier accumulations expected to begin tonight into Thursday morning over much AR; accumulations of 1/4 to 1/2 inch are expected, with locally higher amounts possible.

Severe Weather Outlook



Excessive Rainfall Outlook

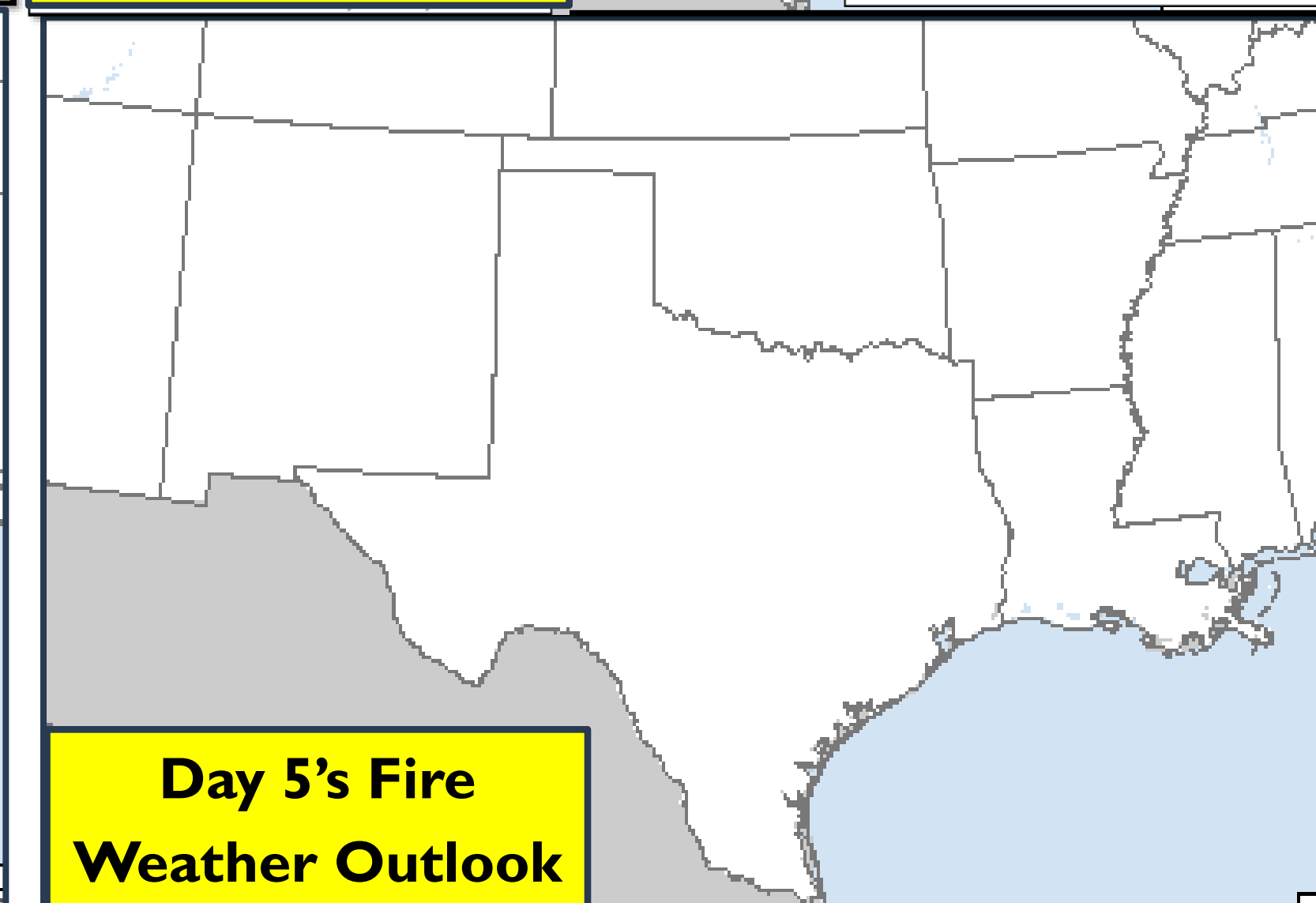
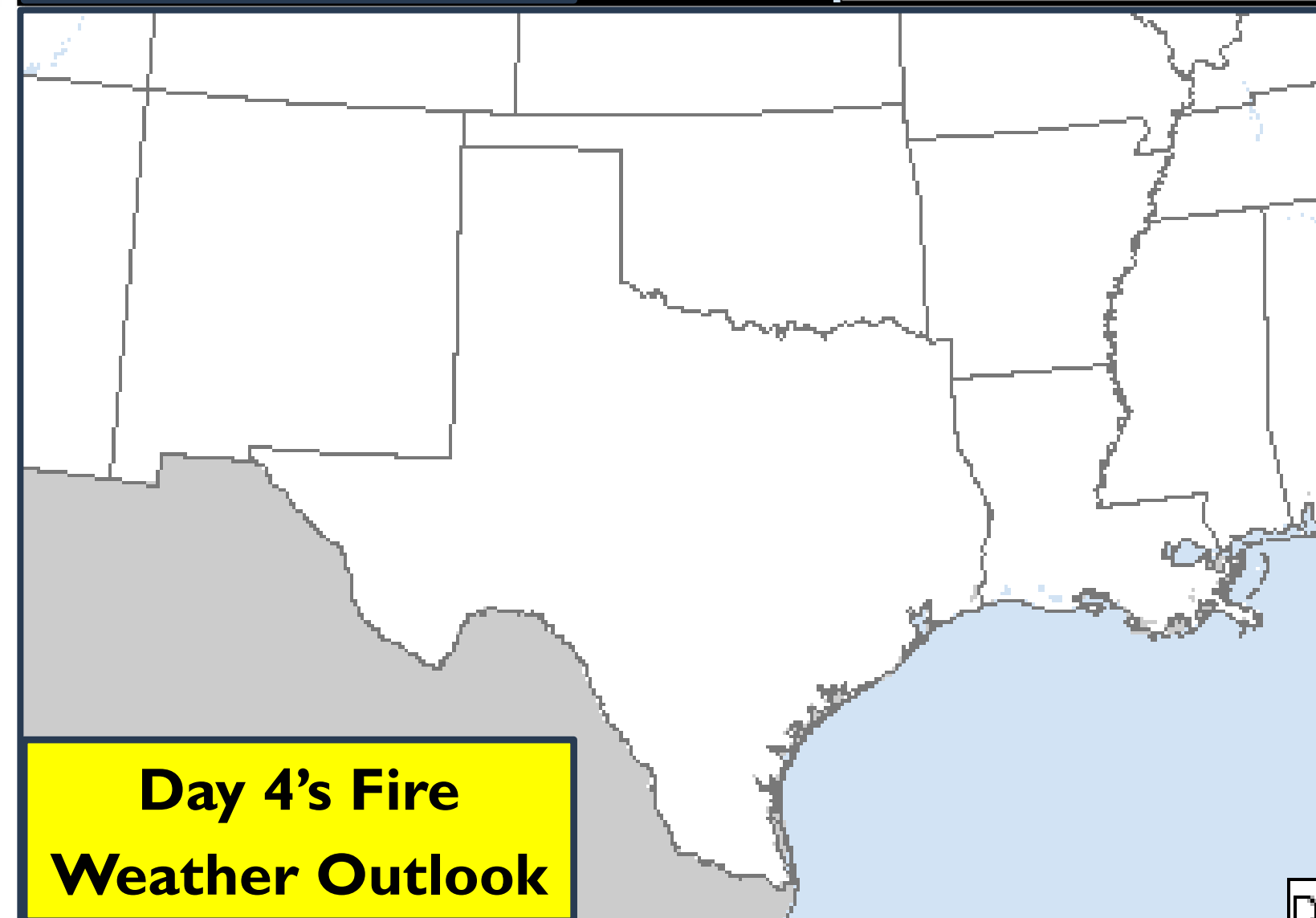
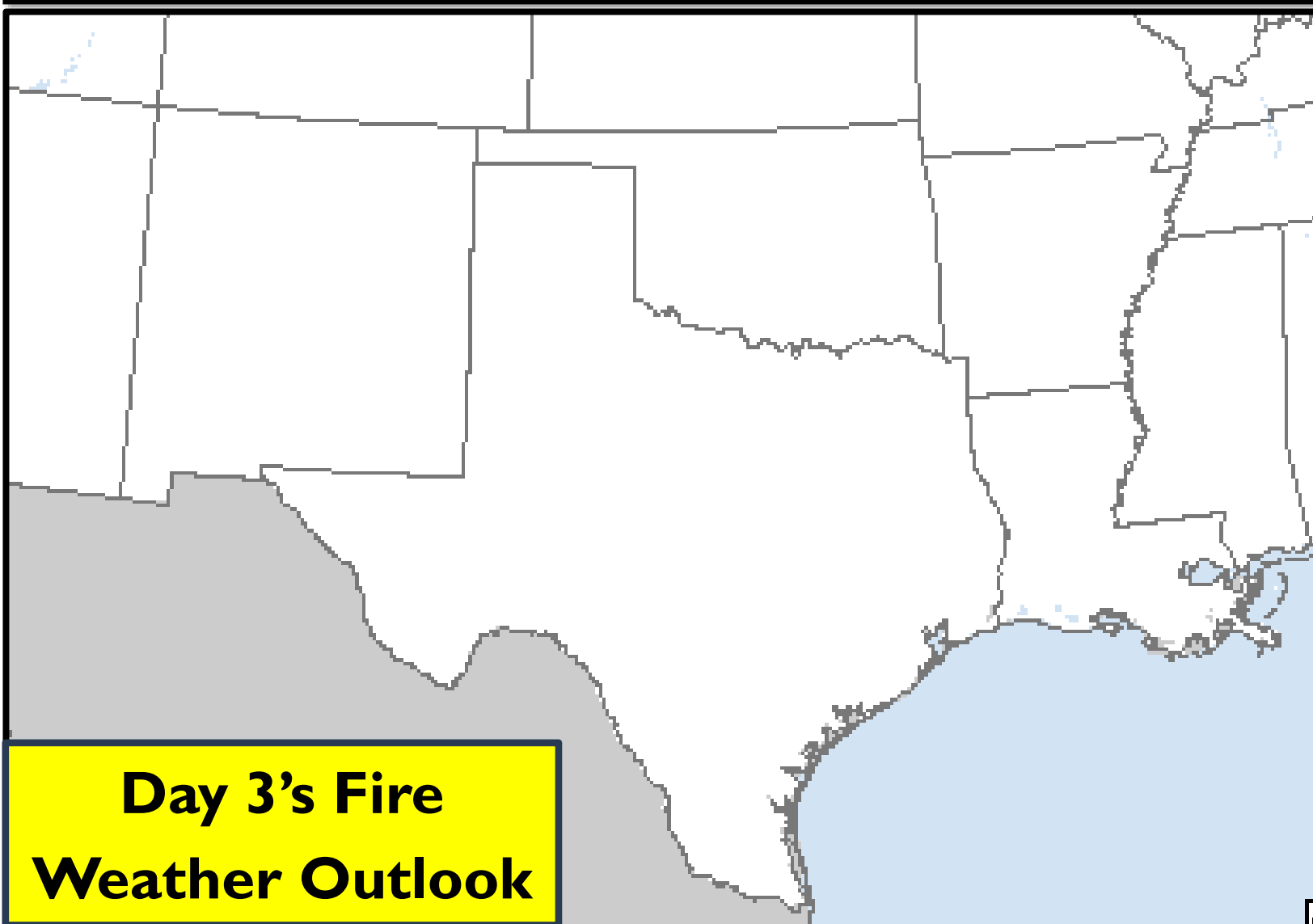
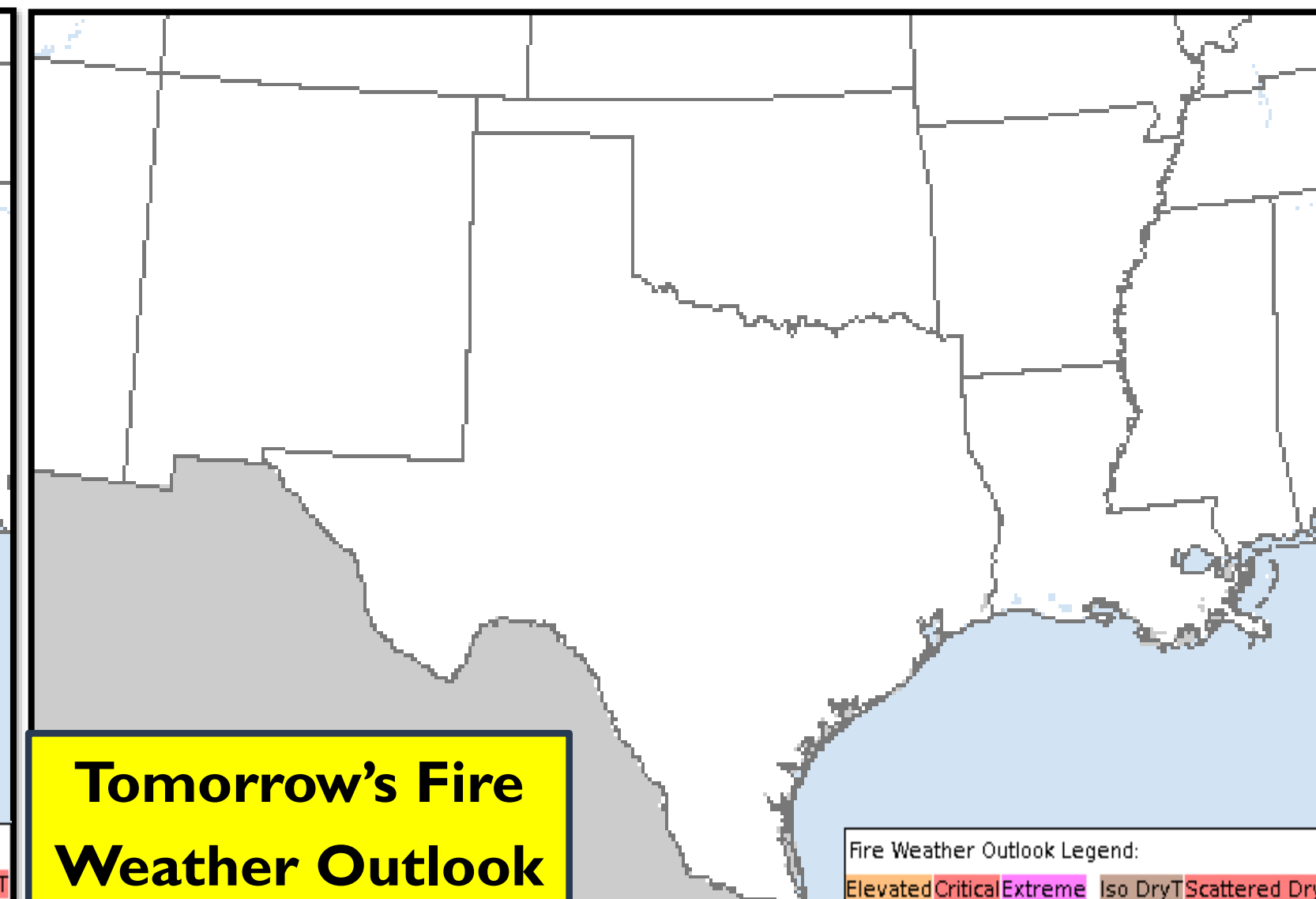
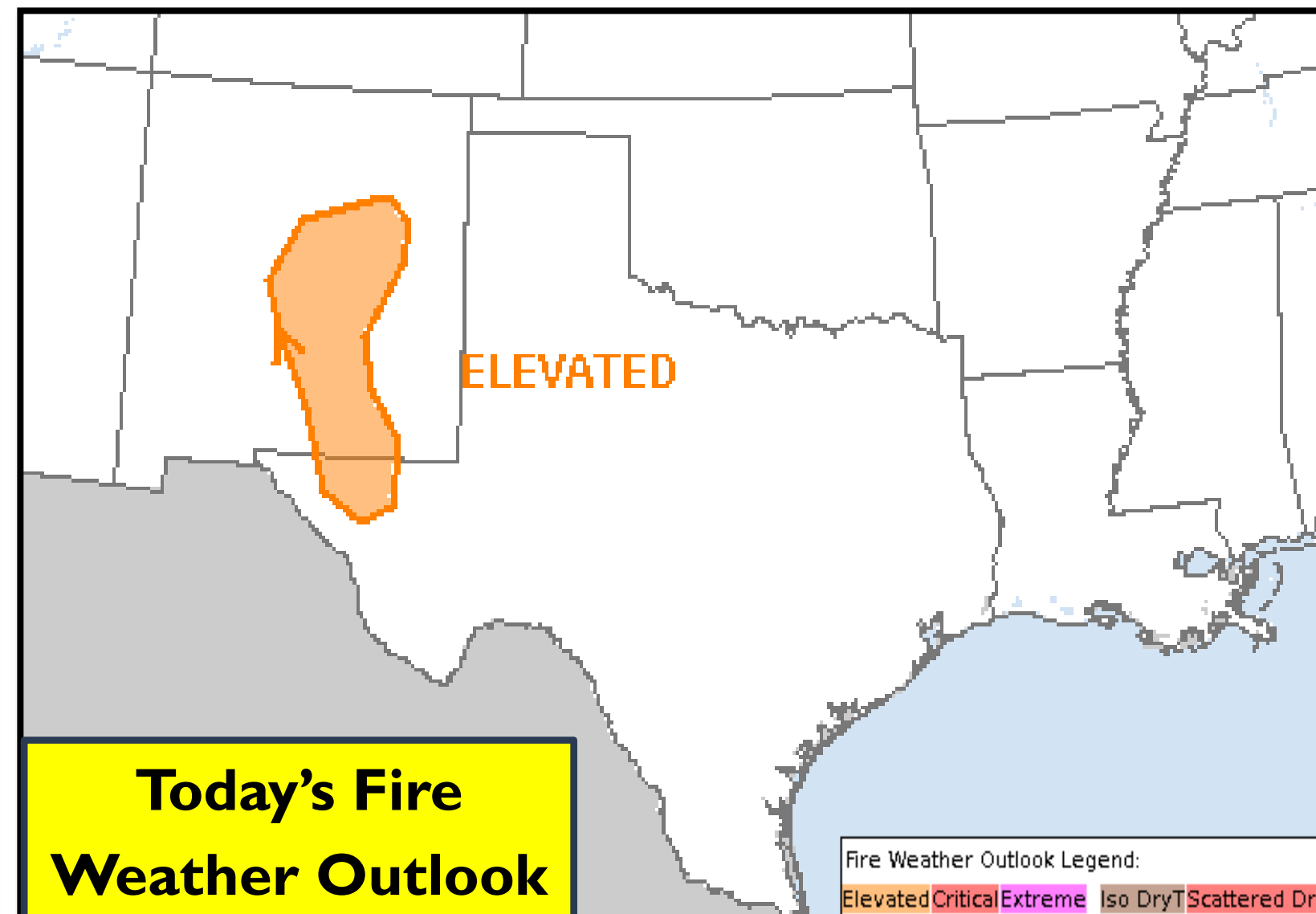
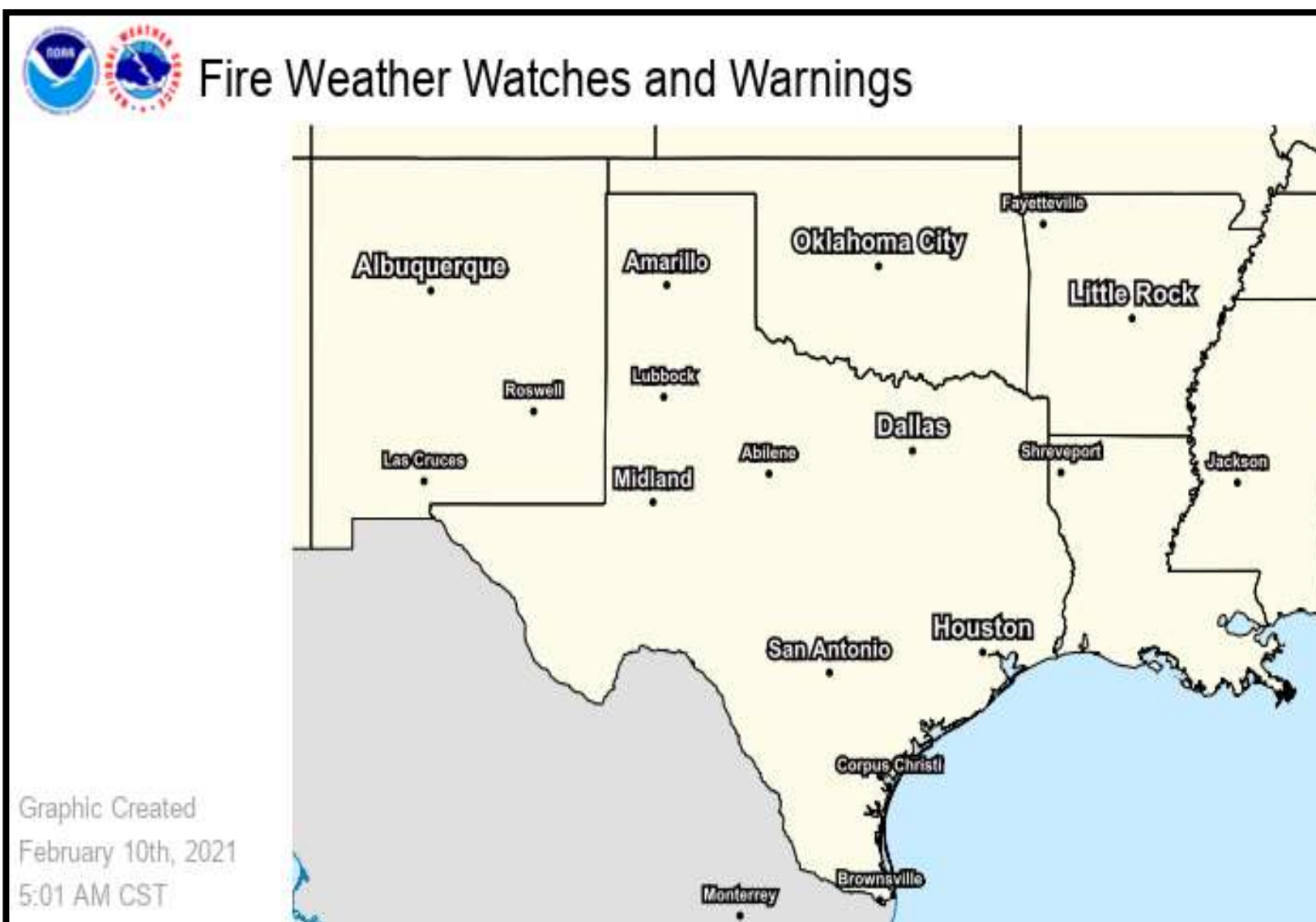


Freezing rain expected over W AR, much of OK, into N and W-Central TX this evening through Thursday morning; ice accumulations of a few tenths of an inch are expected.

Fire Weather Outlooks



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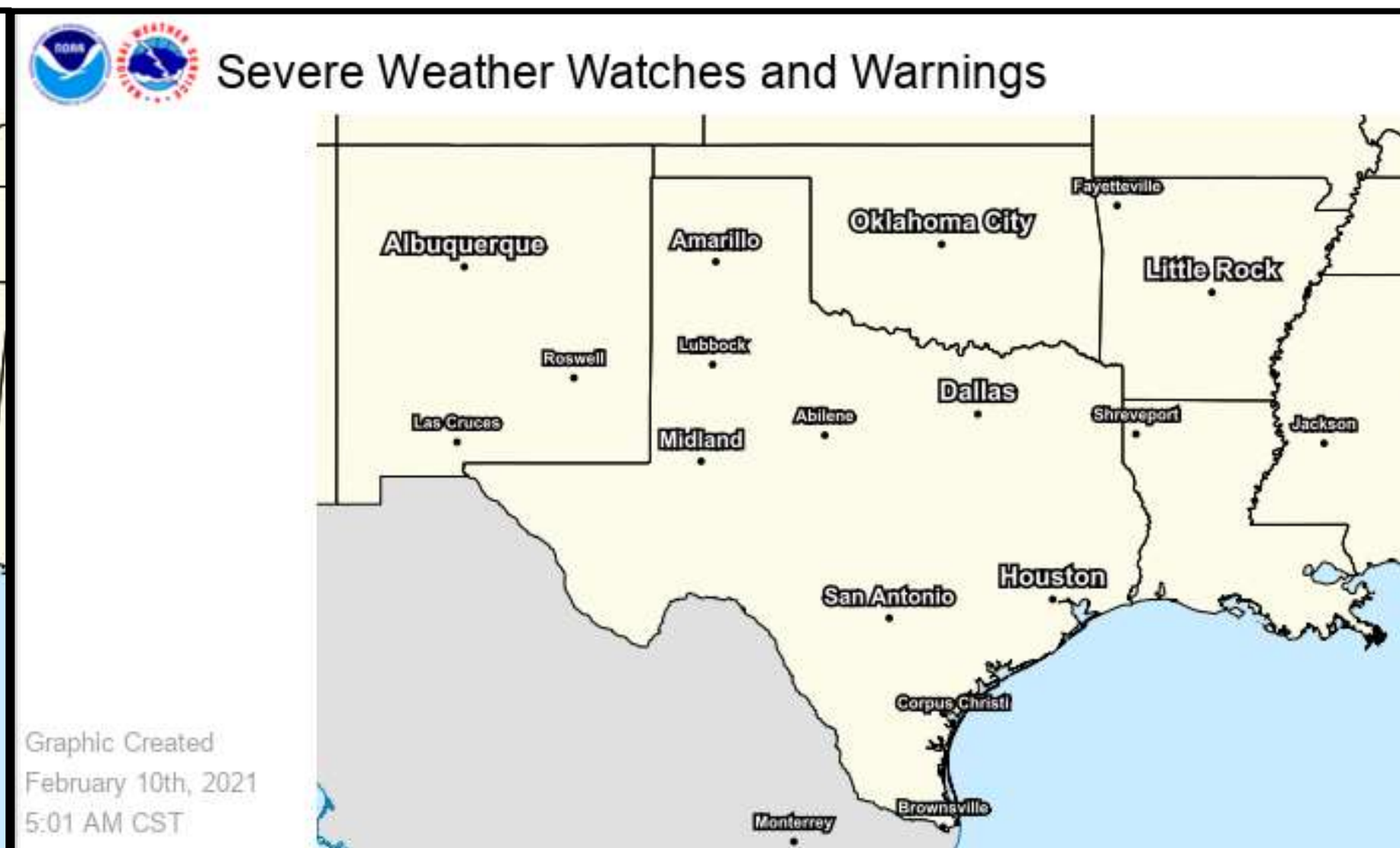


Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards



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Ice storm warnings in effect through midday Thursday over AR.

Winter weather advisories in effect from AR into much of OK, as well as N and W-Central TX through Thursday morning.



Winter Weather

Wednesday - Friday



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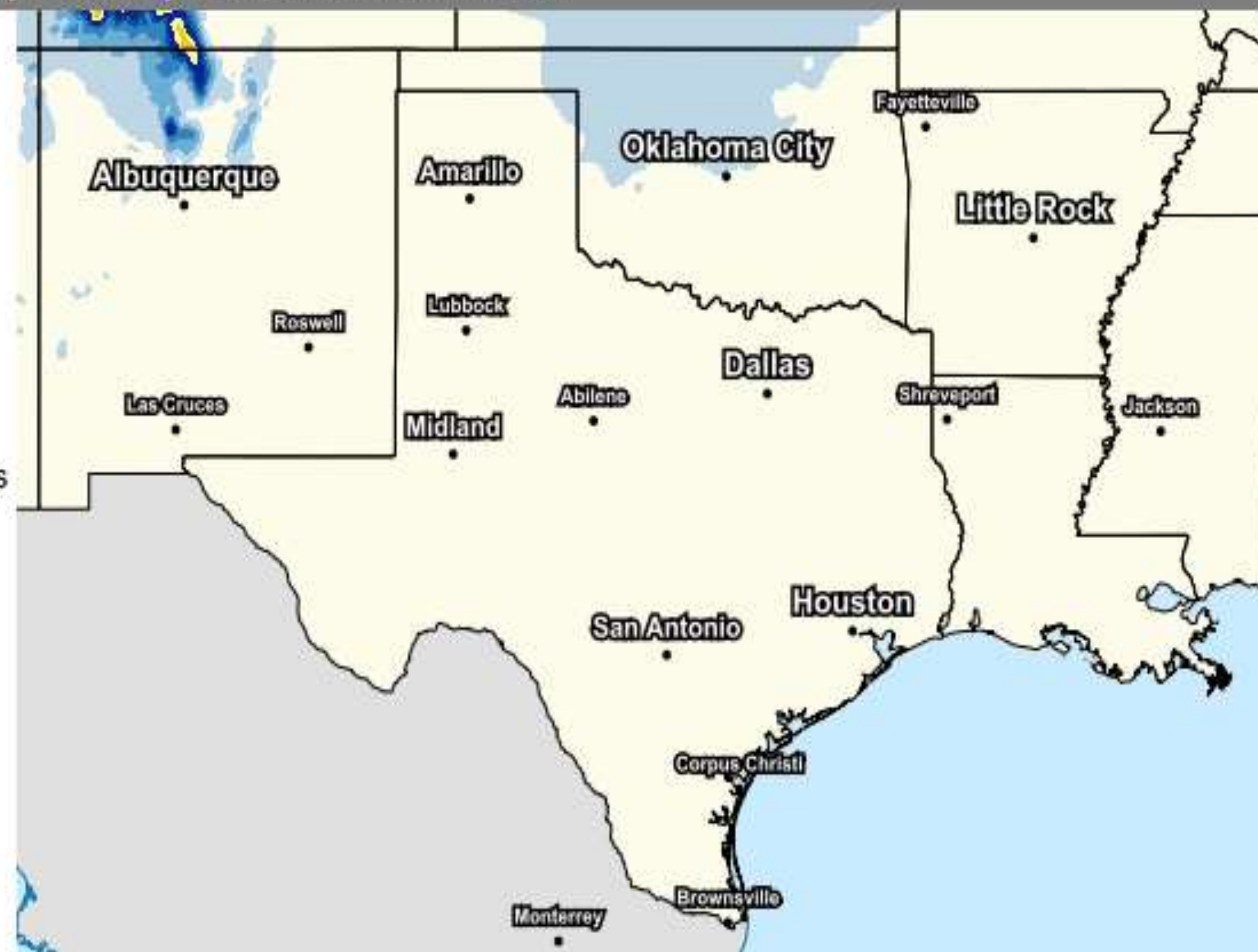
Forecast Snow Amounts



Forecast Snowfall

Valid Ending Saturday February 13th, 2021 at 6 AM CST

- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches



Graphic Created
February 10th, 2021
4:22 AM CST

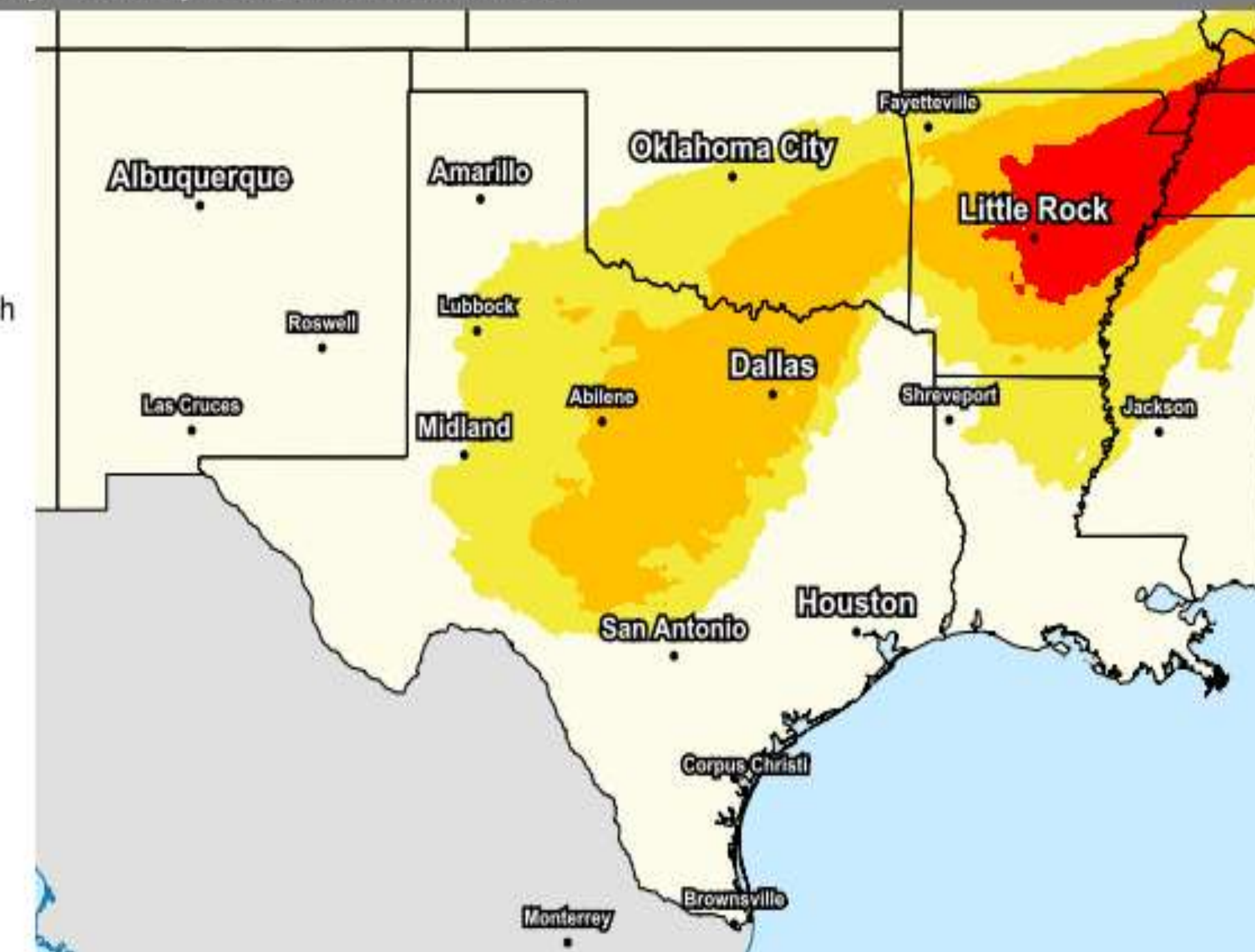
Forecast Ice Amounts



Ice Accumulation Forecast

Valid Ending Saturday February 13th, 2021 at 6 AM CST

- 0.01 to 0.10 inch
- 0.10 to 0.25 inch
- 0.25 to 0.50 inch
- 0.50 to 0.75 inch
- 0.75 to 1.0 inch
- 1.0 to 2.0 inch
- Greater than 2.0 inch



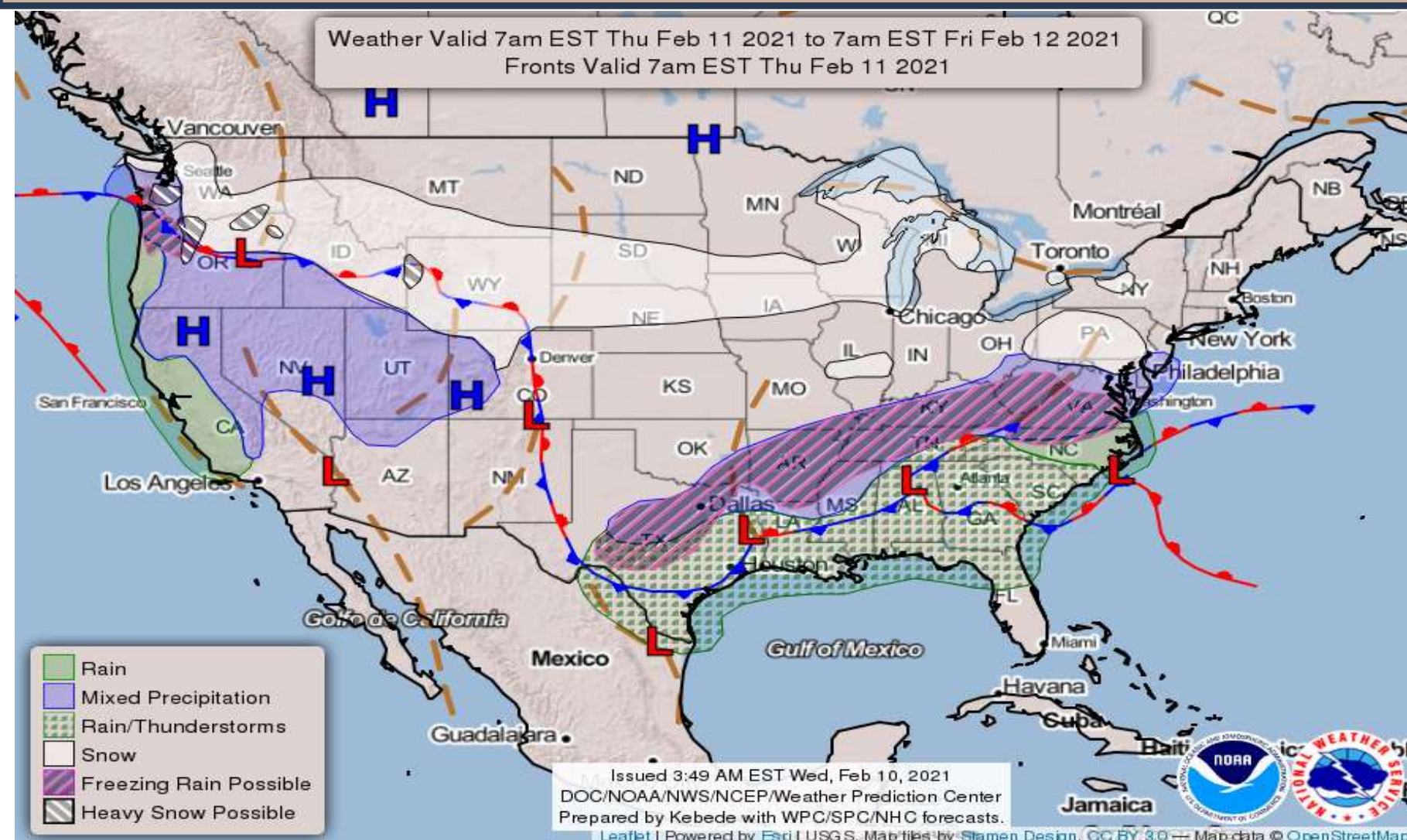
Graphic Created
February 10th, 2021
4:21 AM CST

Tomorrow's Weather

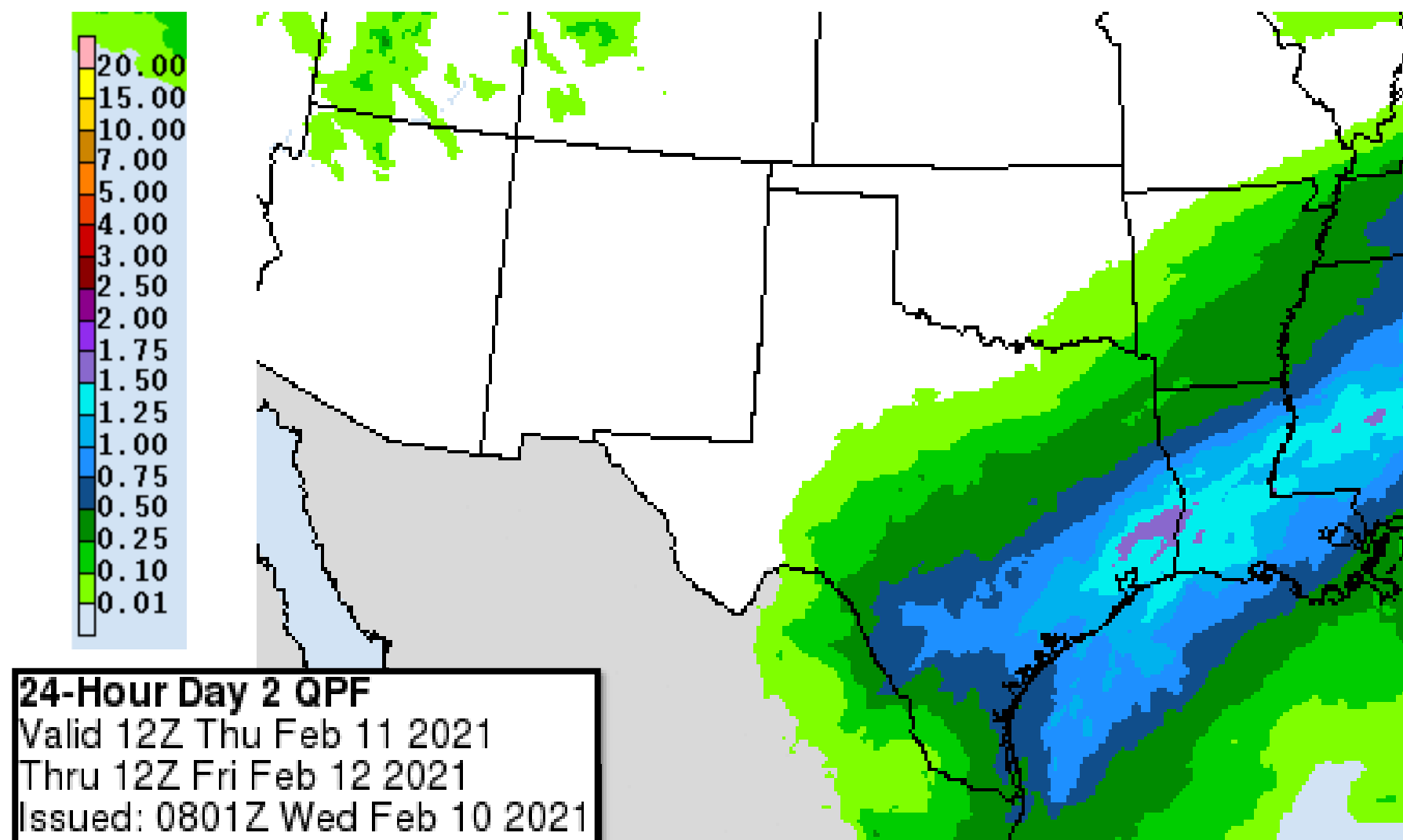


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Forecast Chart



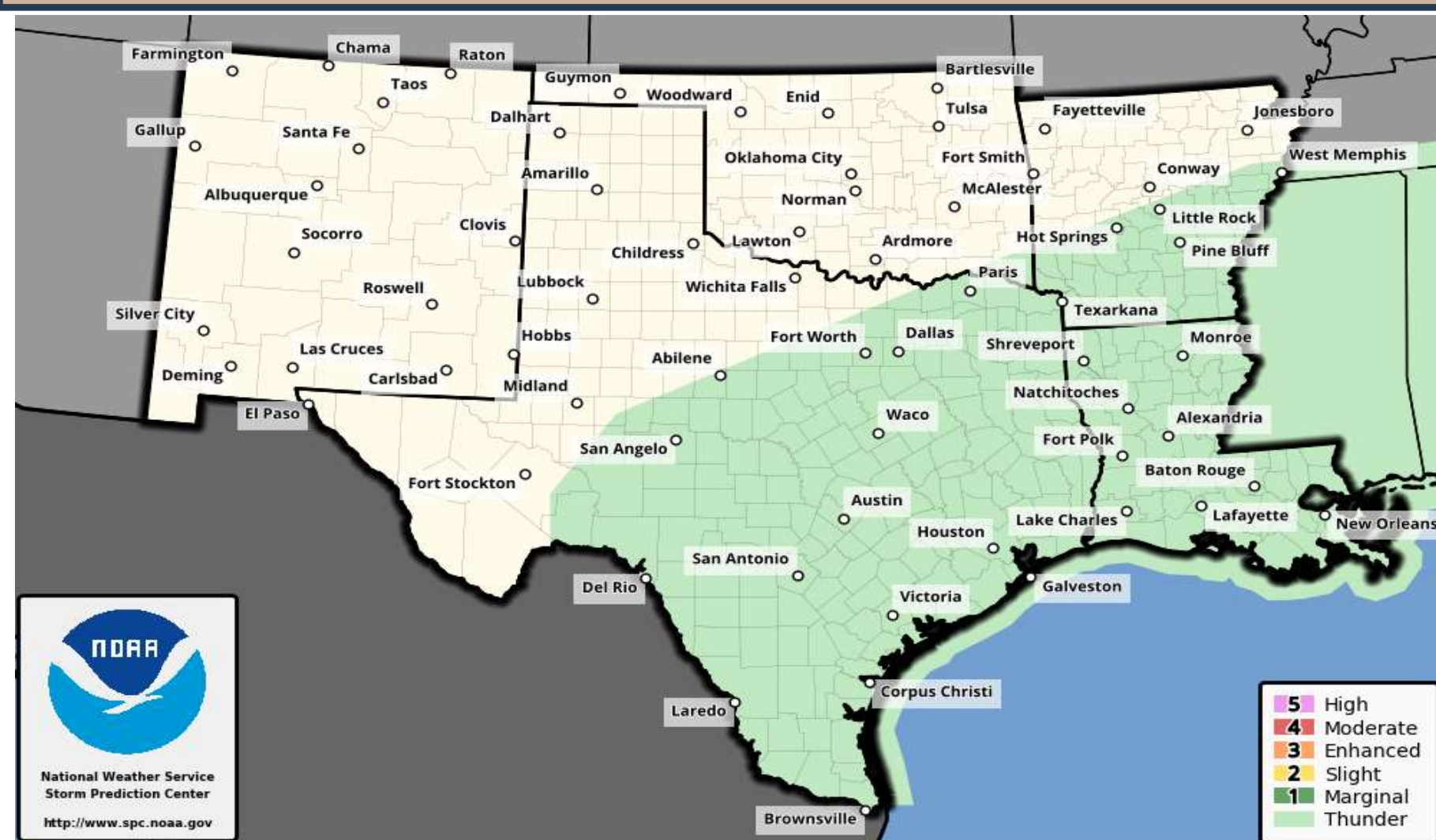
Forecast Rainfall



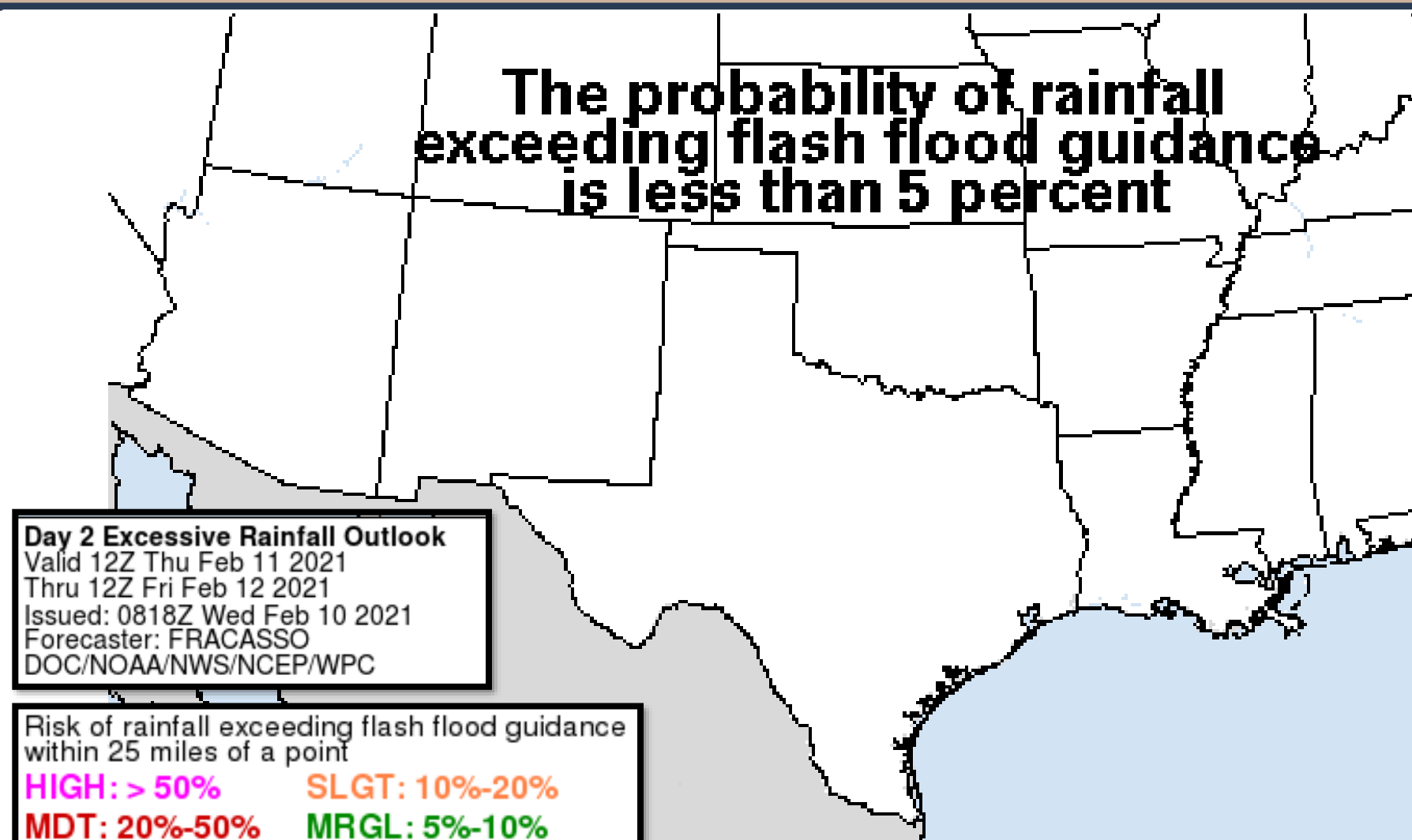
Freezing rain over AR continues into Thursday morning; accumulations of $\frac{1}{4}$ to $\frac{1}{2}$ inch are expected, with locally higher amounts possible. Travel impacts and power outages likely Thursday.

Light freezing rain over E AR, OK and N/Central TX continues into Thursday morning; accumulations of a few tenths of an inch are expected.

Severe Weather Outlook

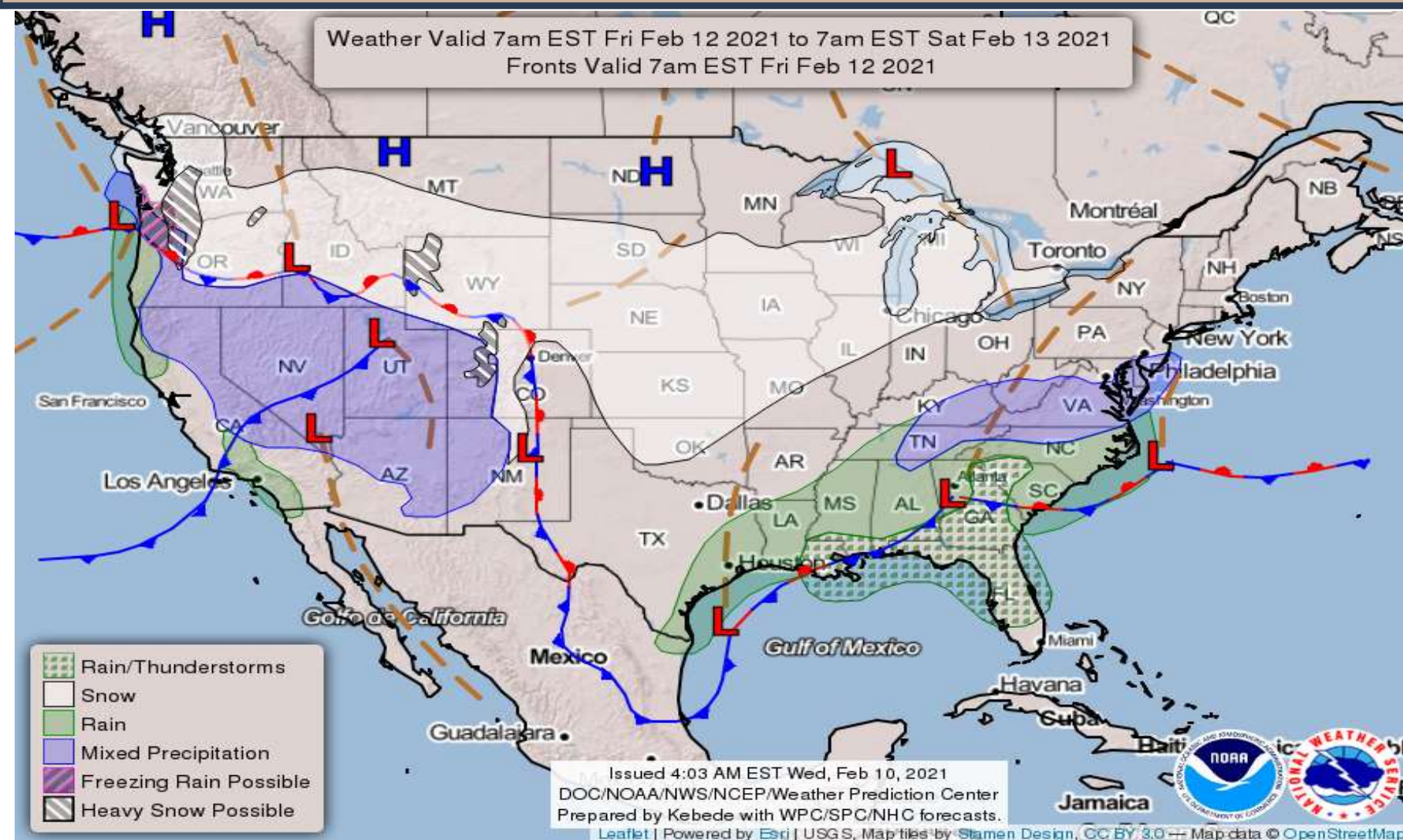


Excessive Rainfall Outlook

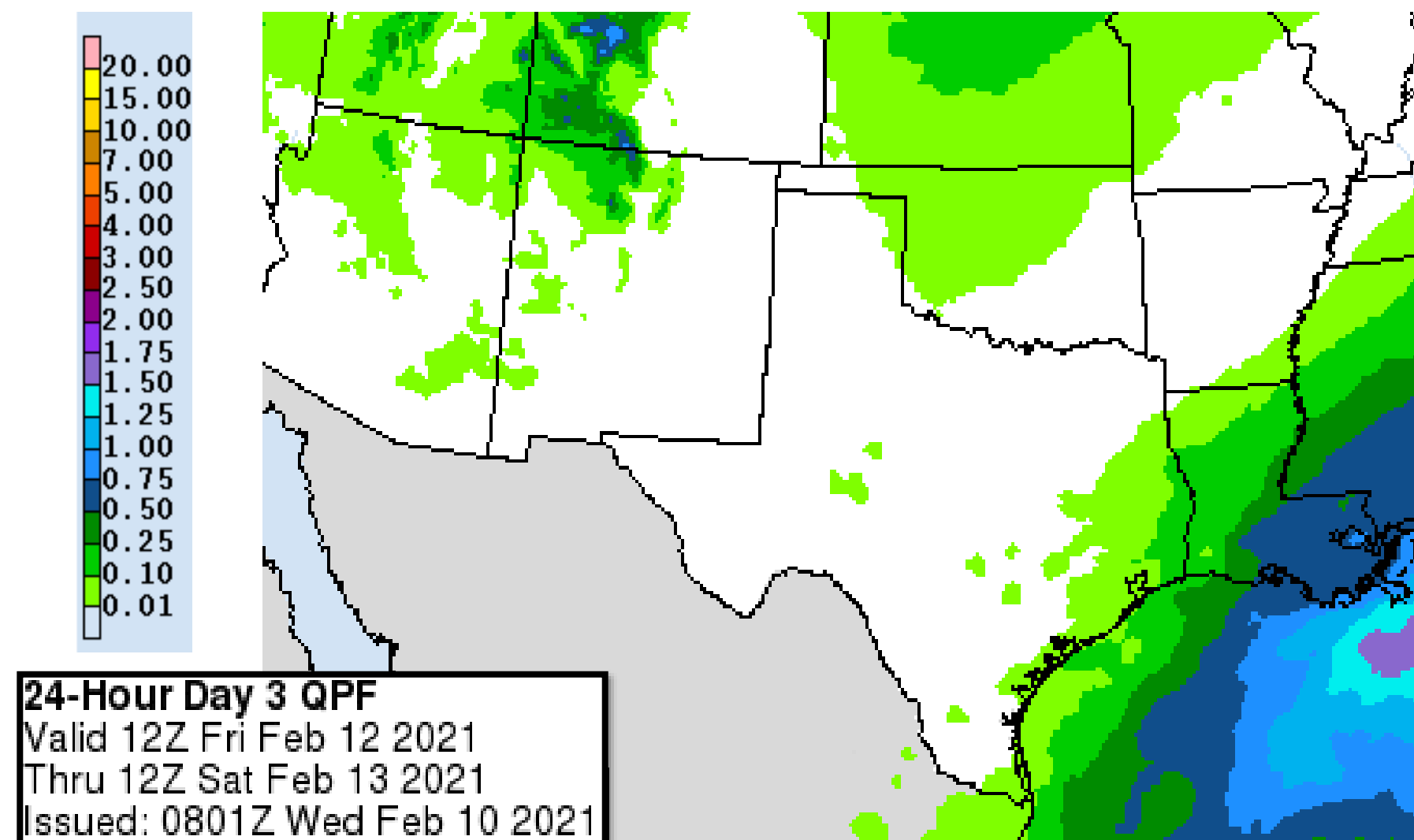


Friday's Weather

Forecast Chart



Forecast Rainfall

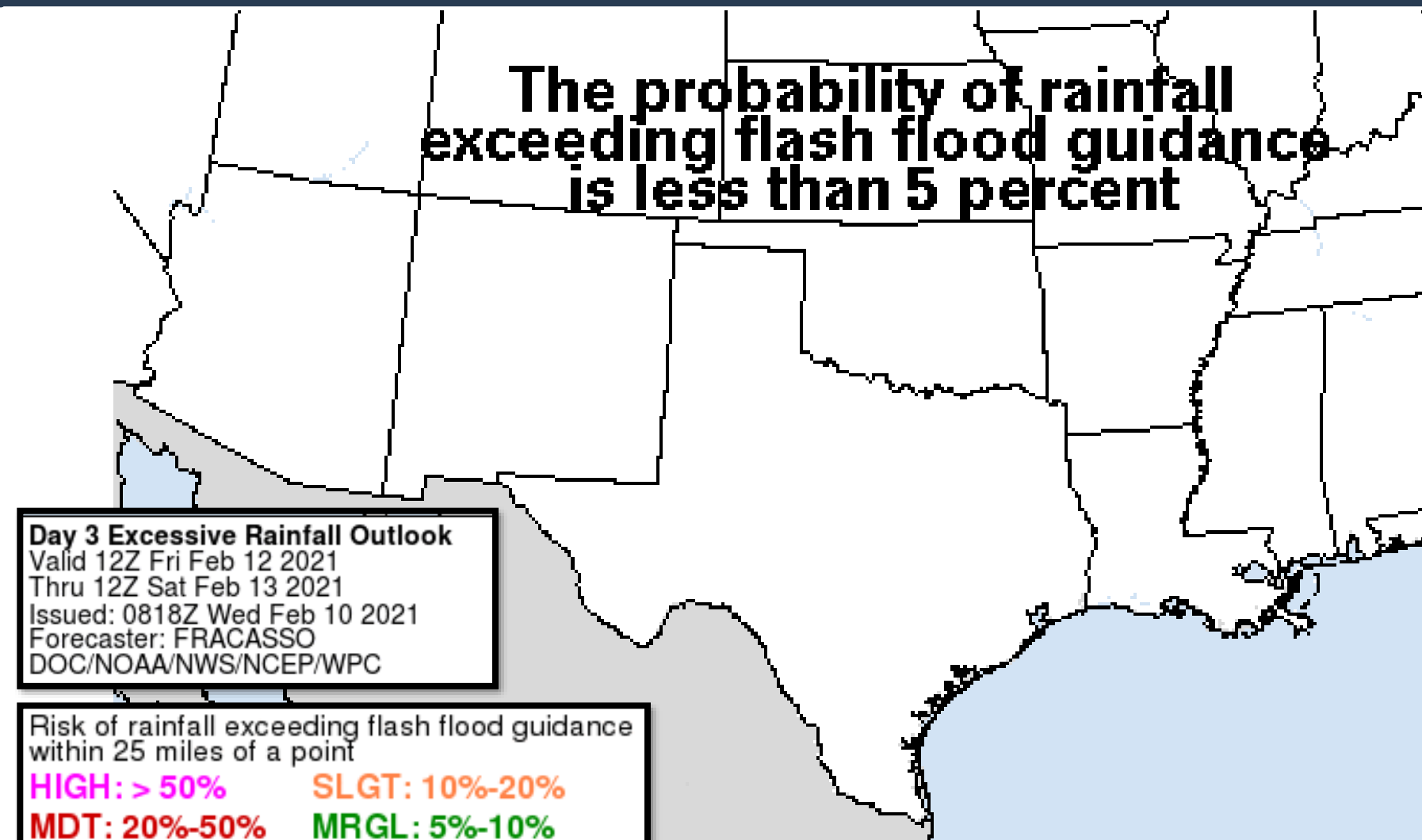


Much colder temperatures will be moving into most of the Region Friday/Friday night.

Severe Weather Outlook



Excessive Rainfall Outlook



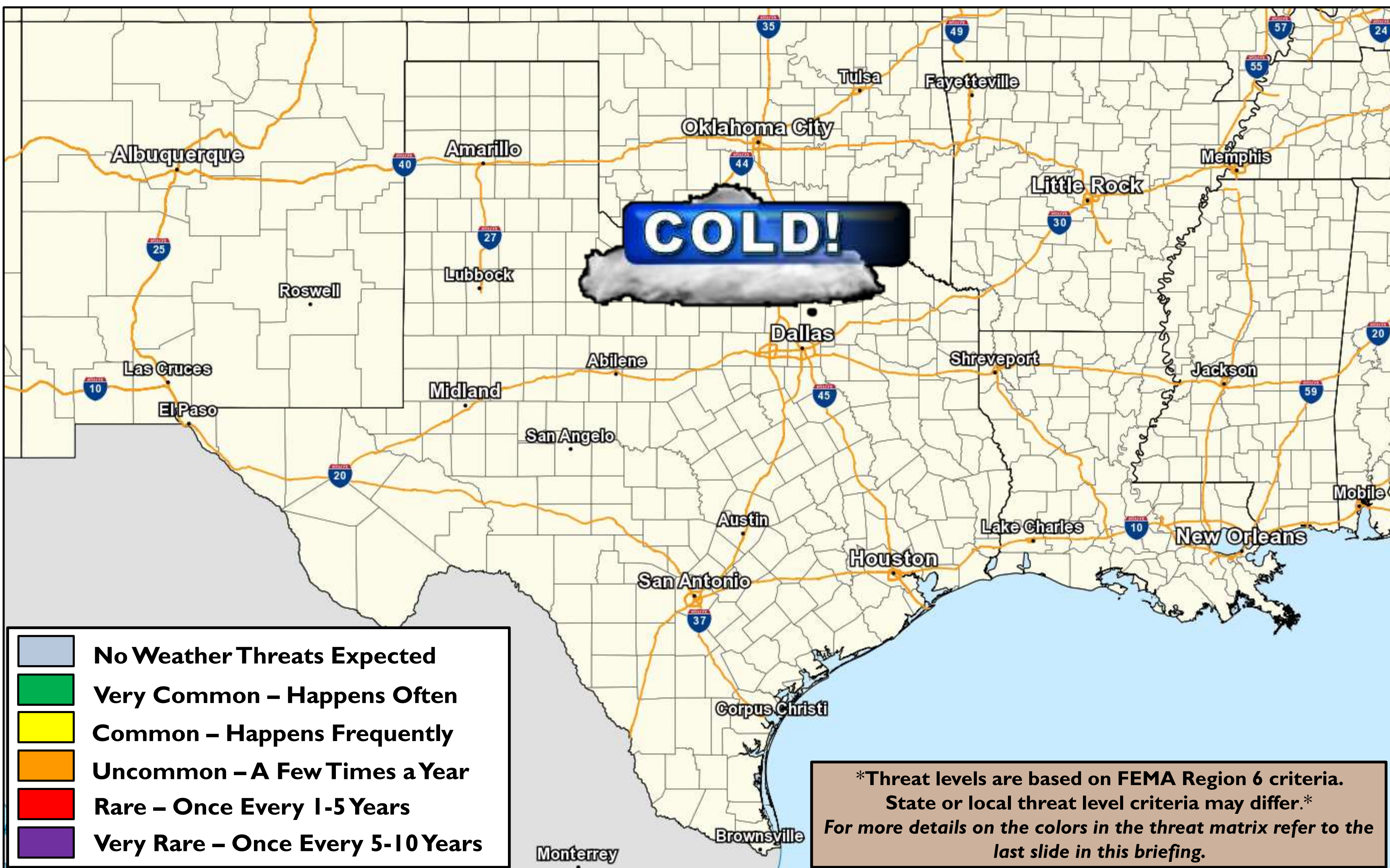
Days 4-5 Weather Hazards

Saturday - Sunday



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Extremely cold temperatures expected this weekend, especially on Sunday. Highs on Sunday over E NM, OK and NW TX remain in the teens. These very cold temperatures will continue into Monday as well.

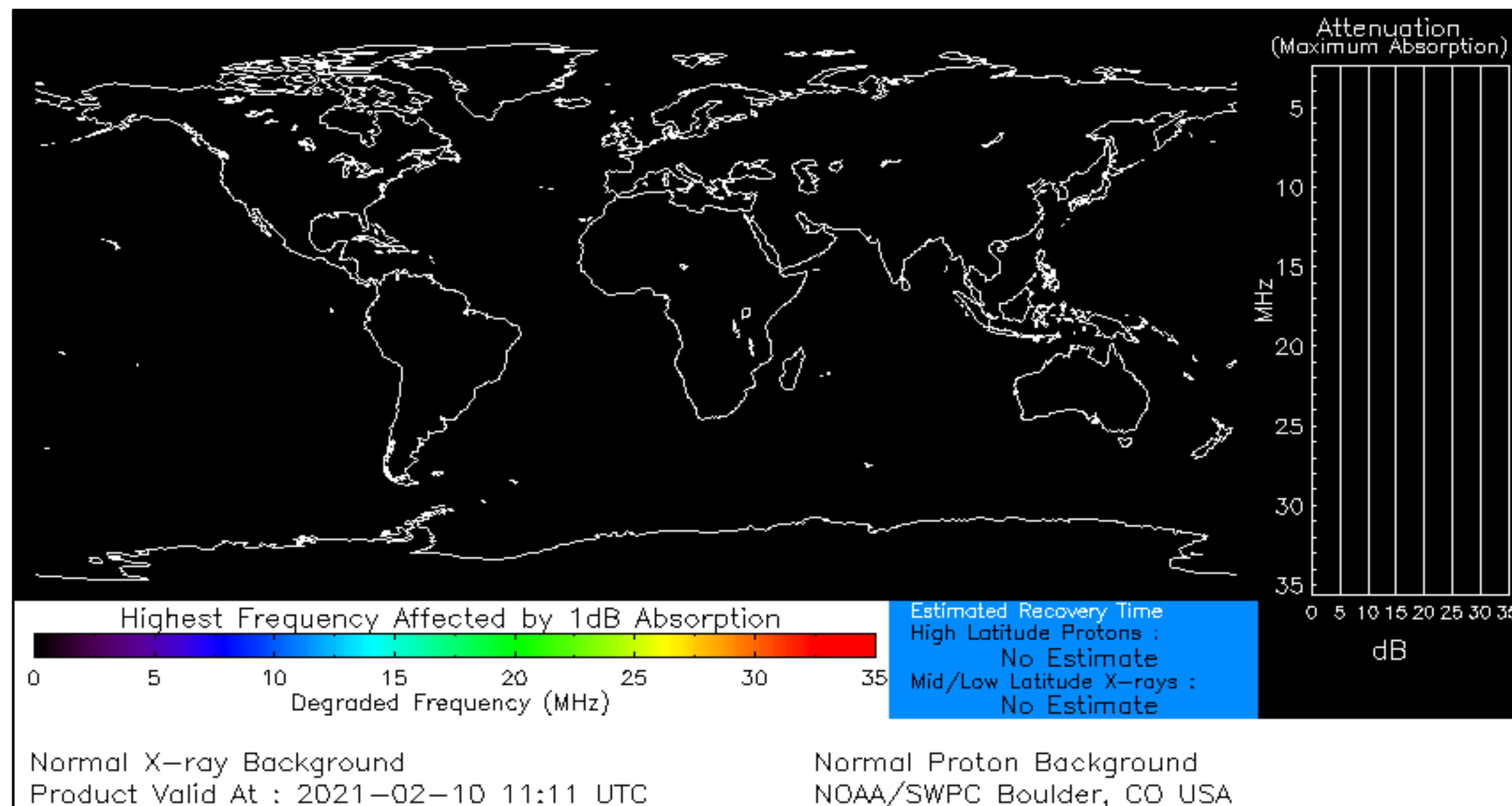


Space Weather 3-Day Forecast



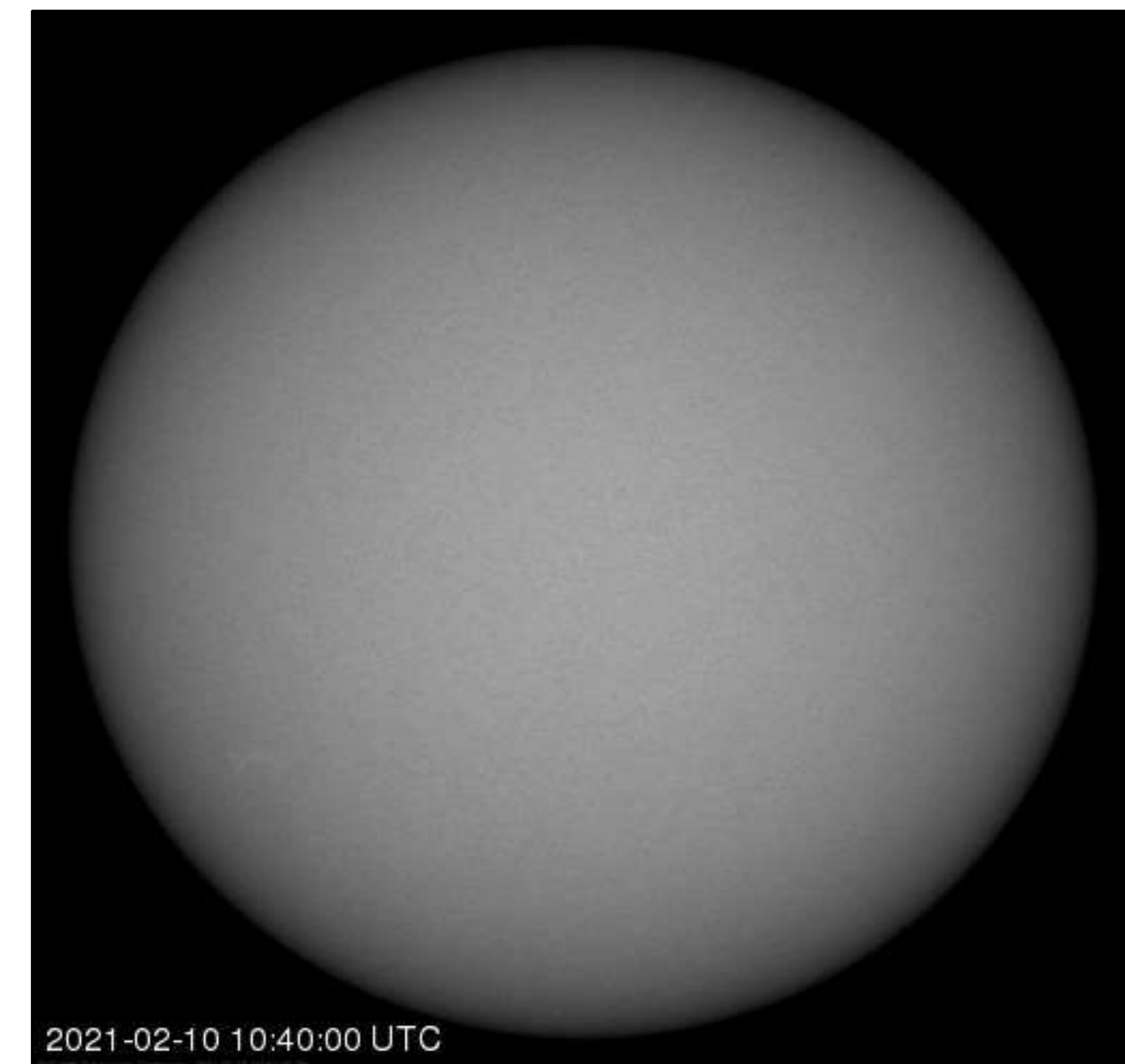
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| | Wednesday | Thursday | Friday |
|--------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Geomagnetic Storms | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) |
| Solar Radiation Storm (S1-S5) | 1% | 1% | 1% |
| Radio Blackout (R1-R2) | 1% | 1% | 1% |
| Radio Blackout (R3-R5) | 1% | 1% | 1% |



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



| Weather “Threat” Matrix | | | |
|-------------------------|--|---|--|
| Color | Definition | Criteria | Example(s) |
| Green | Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines | Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active | <ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX |
| Yellow | Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life | Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook | <ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail |
| Orange | Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life | Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected |
| Red | Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life | Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought | <ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue |
| Purple | Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought | <ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov